McPherson Drilling LLC Drillers Log

PO# **AFE# D11042**

Rig Number:	**1**	**S. 24**	**T. 32** **R.18 E**
API No. -105-	**099-24649**	County:	**Labette**
	Elev. 844	Location:	

Operator:	POSTROCK			
Address:	210 Park Ave Ste 2750			
	Oklahoma City, OK 73102-5641			
Well No:	**24-1**	Lease Name:	**HOGAN**	
Footage Location:	1,980	ft. from the	SOUTH	Line
	1,950	ft. from the	WEST	Line
Drilling Contractor:	**McPherson Drilling LLC**			
Spud date:	6/17/2011	Geologist:	Ken Recoy	
Date Completed:	6/20/2011	Total Depth:	930	

Gas Tests:

78'	0
178'	0
228'	0
315'	2.37
345'	2.37
405'	2.37
454'	2.92
479'	2.92
679'	2.92
779'	4.12
805'	4.12
930'	4.12

Casing Record

	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	20#	
Setting Depth:	23	MCP
Type Cement:	Port	
Sacks:	4	MCP

Rig Time:

50'	h2o
DRILLER:	Andy Coats

Comments:
Start injecting @

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	8		shale	538	560				
shale	8	25		black shale	560	562				
lime	25	39		shale	562	629				
shale	39	49		sand	629	635				
lime	49	68		wet sand shale	635	670				
coal	68	70		black shale	670	671				
lime	70	86		shale	671	730				
shale	86	196		coal	730	731				
lime	196	218		shale	731	778				
coal	218	220		coal	778	779				
shale	220	282		shale	779	785				
oswego	282	308		miss	785	930				
summit	308	313								
lime	313	335								
mulky	335	340								
lime	340	354								
shale	354	401								
coal	401	402								
shale	402	430								
coal	430	432								
shale	432	464								
coal	464	465								
shale	465	535								
black shale	535	538								